| Explanation | Screenshot |
| --- | --- |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) In SAP Intelligent RPA Cloud Studio, click the **Create** button on the right-side panel. A dropdown menu opens. |  |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) Select **Automation** |  |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) Configure the version of the agent that will execute the automation. Click on the dropdown. |  |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) Select the version installed in your machine |  |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) Click on **Confirm** |  |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) Enter a name in the **Name** field. We will set automation Name to **Run RPA Challenge** |  |
| RPA Challenge - Cloud Studio – Create Automation | |
| (1) Click on**Create**    You can now drag and drop activities to build your automation in the Cloud Studio. |  |
| RPA Challenge – Cloud Studio – Add Set Navigator activity | |
| (1) In **Automation Information**, search for **Set Navigator** |  |
| RPA Challenge – Cloud Studio – Add Set Navigator activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Set Navigator activity | |
| (1) Drop it into the workflow |  |
| RPA Challenge – Cloud Studio – Update Set Navigator properties | |
| (1) Click on the step to set the properties |  |
| RPA Challenge – Cloud Studio – Update Set Navigator properties | |
| (1) Click on the **Target** parameter |  |
| RPA Challenge – Cloud Studio – Update Set Navigator properties | |
| (1) Select the **Rpa Challenge** application |  |
| RPA Challenge – Cloud Studio – Update Set Navigator properties | |
| (1) Click on the **navigator** parameter |  |
| RPA Challenge – Cloud Studio – Update Set Navigator properties | |
| (1) Select **Edge** |  |
| RPA Challenge – Cloud Studio – Add Start Application activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Start Application activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Start Application activity | |
| (1) Search for **Start Application**  (2) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Start Application activity | |
| (1) Drop it into the workflow below the **Set Navigator** activity |  |
| RPA Challenge – Cloud Studio – Update Start Application properties | |
| (1) Click on the step to set the properties |  |
| RPA Challenge – Cloud Studio – Update Start Application properties | |
| (1) Click on the **Target** parameter |  |
| RPA Challenge – Cloud Studio – Update Start Application properties | |
| (1) Select **Rpa Challenge** |  |
| RPA Challenge – Cloud Studio – Add Main screen | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Main screen | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Main screen | |
| (1) In the **Screens** list in the dropdown menu on the right-hand side panel, drag the **Main** screen |  |
| RPA Challenge – Cloud Studio – Add Main screen | |
| (1) Drop it into the workflow below the last activity |  |
| RPA Challenge – Cloud Studio – Add Main screen | |
| (1) Double-click on the **Main** screen step to add some activities to it |  |
| RPA Challenge – Cloud Studio – Add Maximize Screen activity | |
| (1) In **Parameters**, search for **Maximize Screen** activity |  |
| RPA Challenge – Cloud Studio – Add Maximize Screen activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Maximize Screen activity | |
| (1) Drop it into the workflow, inside the **Main** screen step |  |
| RPA Challenge – Cloud Studio – Add Get Property activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Get Property activity | |
| (1) Search for **Get Property (Element)**  (2) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Get Property activity | |
| (1) Drop it on the **Download** element |  |
| RPA Challenge – Cloud Studio – Update Get Property properties | |
| (1) Click on the **Get Property (Element)** to set the properties |  |
| RPA Challenge – Cloud Studio – Update Get Property properties | |
| (1) In the Step Details panel, enter **href** as the **name** parameter |  |
| RPA Challenge – Cloud Studio – Update Get Property properties | |
| (1) Select the string between quotes **"href"** below |  |
| RPA Challenge – Cloud Studio – Update Get Property properties | |
| (1) Click between Get & Property |  |
| RPA Challenge – Cloud Studio – Update Get Property properties | |
| (1) Add **"href"** to the **Step name**    Changing the step name will not change the behavior of the automation.    It helps understand the steps in the workflow. |  |
| RPA Challenge – Cloud Studio – Update Get Property properties | |
| (1) Change the output variable name to **href** |  |
| RPA Challenge – Cloud Studio – Add Get Page activity | |
| (1) Close the activity properties panel |  |
| RPA Challenge – Cloud Studio – Add Get Page activity | |
| Without clearing the search field  (1) Drag the **Get Page URL** activity |  |
| RPA Challenge – Cloud Studio – Add Get Page activity | |
| (1) Drop it into the workflow inside the **Main** screen |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Close the **Screen** panel |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Search for the **String** activity |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Drop it into the workflow after the **Main** screen |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Click on the activity to set the properties |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Set the **Step name** to**Empty fileUrl variable** |  |
| RPA Challenge – Cloud Studio – Update String properties | |
|  |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Click on the **Output Parameters'** field and replace the variable name with **filePath** |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Search for the **Condition** activity |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Drop it into the workflow after the last activity    The arrow should color itself blue while doing so. |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Click on the **Condition** to open the side panel |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Click on the three dots next to the **Condition Expression** field for more options |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Select **Edit Formula** |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Expand the **Variables** section |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Select the **href** variable |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| The Expression should look like this. |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Now add to the expression: **.lastIndexOf('http') !== -1**    This expression is used to check if href contains an HTTP url |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Click on **Test**to verify if the expression is valid    The editor will highlight it in green if it is and in red if it is not. |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Click on **Save Expression** |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Search for the **Set Variable Value** activity |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Drop it into the workflow, in the **main branch (condition true)**    The arrow should color itself blue while doing so. |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the activity to set the properties |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the **variable** parameter |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Select the variable **filePath** |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the **value** parameter |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Select the variable **href** |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the **Step name** |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Enter the **Step name** as **Set** **filePath == href** |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Drag a second **Set Variable Value** activity |  |
| RPA Challenge – Cloud Studio – Add Set Variable Value activity | |
| (1) Drop it into the workflow, in the **default branch (condition false)**    The arrow should color itself blue while doing so. |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the step to set the properties |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the **variable** parameter |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Select the variable **filePath** |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on the Expression editor icon |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Expand the **Variables** section |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Select the **Url** variable |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Enter: + |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Select the **href** variable |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on **Test** to verify if the expression is valid.    The editor will highlight it in green if it is and in red if it is not. |  |
| RPA Challenge – Cloud Studio – Update Set Variable Value properties | |
| (1) Click on **Save Expression** |  |
| RPA Challenge – Cloud Studio – Add String activity | |
|  |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Scroll Mouse wheel down to bring the screen to desired location |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Search for the **String** activity |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add String activity | |
| (1) Drop it into the workflow after the **Set filePath==href** activity |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Click on the activity to set the properties |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Click on the **Step name** field |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Enter the name **Set localPath** |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Click on the **value** parameter |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Set the **value** to **c:\temp\challenge.xlsx**    This folder has to exist on the machine running the BOT |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Select the string between quotes “**c:\temp\challenge.xlsx”** below |  |
| RPA Challenge – Cloud Studio – Update String properties | |
| (1) Set the Output variable name to **localPath** |  |
| RPA Challenge – Cloud Studio – Add Exist activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Exist activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Exist activity | |
| (1) Search for **file** |  |
| RPA Challenge – Cloud Studio – Add Exist activity | |
| (1) Drag the **Exist (File/Folder)** activity |  |
| RPA Challenge – Cloud Studio – Add Exist activity | |
| (1) Drop it into the workflow after the **Set localPath** activity |  |
| RPA Challenge – Cloud Studio – Update Exist properties | |
| (1) Click on the activity to set the properties |  |
| RPA Challenge – Cloud Studio – Update Exist properties | |
| (1) Click on the **path** parameter |  |
| RPA Challenge – Cloud Studio – Update Exist properties | |
| (1) Select the variable **localPath** |  |
| RPA Challenge – Cloud Studio – Update Exist properties | |
| (1) Click on the **Step name** field |  |
| RPA Challenge – Cloud Studio – Update Exist properties | |
| (1) Rename the **Step name** to **Exist local file?** |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Search for the **Condition** activity |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Condition activity | |
| (1) Drop it into the workflow after the **Exist local file?** activity |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Click on the **Condition** activity to set the properties |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Click on the **Condition Expression** parameter |  |
| RPA Challenge – Cloud Studio – Update Condition properties | |
| (1) Select the variable **exist** |  |
| RPA Challenge – Cloud Studio – Add Download File activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Download File activity | |
| (1) Clear the search field |  |
| RPA Challenge – Cloud Studio – Add Download File activity | |
| (1) Search for the **Download File** activity |  |
| RPA Challenge – Cloud Studio – Add Download File activity | |
| (1) Drag the activity |  |
| RPA Challenge – Cloud Studio – Add Download File activity | |
| (1) Drop it into the workflow in the **default (false)** branch    The arrow should color itself blue while doing so. |  |
| RPA Challenge – Cloud Studio – Update Download File properties | |
| (1) Click on the activity to set the properties |  |
| RPA Challenge – Cloud Studio – Update Download File properties | |
| (1) Click on the **url** parameter |  |
| RPA Challenge – Cloud Studio – Update Download File properties | |
| (1) Select the variable **filePath** |  |
| RPA Challenge – Cloud Studio – Update Download File properties | |
| (1) Click on the **destination** parameter |  |
| RPA Challenge – Cloud Studio – Update Download File properties | |
| (1) Select the variable **localPath** |  |
| RPA Challenge – Cloud Studio – Update Download File properties | |
|  |  |
| RPA Challenge – Cloud Studio – Add Open Excel Instance activity | |
| (1) Close the step properties |  |
| RPA Challenge – Cloud Studio – Add Open Excel Instance activity | |
| (1) Scroll down to make space below the workflow |  |